

quite distinct. It may be distinguished from *A. viridis* as follows: greenish blue instead of green, larger, more robust, the pile whiter, more erect, longer and sparser, the antennæ inserted at the basal third of the beak, not at the basal fourth as in *viridis*, the club shorter than the preceding portion of the antenna and loosely articulated, the two being equal in *viridis* and the club more compact, the sutures between the segments less deeply impressed, and the apical segment more rounded and not acute as in *mariposæ*, the first ventral segment slightly bisinuate on its posterior margin instead of straight, and the punctation not as coarse and close as in *viridis*.

Mr. L. L. Buchanan, who very kindly compared *mariposæ* with the type of *viridis* writes the following interesting note: "The antenna of *viridis* is peculiar in that the funicle is only six-segmented in three of the four specimens, the third and fourth segments being fused. The type specimen has a seven-jointed funicle, although the suture between segments three and four does not seem to be as deep as usual."

I have compared *mariposæ* with two specimens of *viridis* found in the Koebele collection at the California Academy of Sciences. These specimens were collected in Siskiyou County, and are thus undoubtedly of the series from which the type of *viridis* was selected.

NOTE ON THE ANTENNA AND FRONS OF LARVÆ
OF THE CURCULIONIDÆ

To those interested in classification characters presented by larvæ of this family, the suggestion is made that Otorhynchine forms may be separated from all others, first by shape of the apical antennal segment, and secondly, by the absence of a median frontal carina. All of the information the writer has been able to gather up to the present indicates that Otorhynchine larvæ have a transversely oval and usually rather large apical antennal segment. In the remainder of the family this segment is quite small as compared to the basal part, is round, and often conical. Criticism of these suggestions will be welcomed.—H. H. Keifer, California Department of Agriculture, Sacramento, California.